



774 Marine Drive
 Bellingham, WA 98225-1530
 360-671-9121 Fax: 360-671-9024
 www.sonotech-inc.com

MSDS

Material Safety Data Sheet

	NFPA	HMIS
Health	2	2
Flammability	0	0
Reactivity	0	0
PPE		B

Section 1 - Material Identification

Product: **ECHOCIDE®**

Synonym: Algaecide water treatment

Manufacturer: Sonotech, Inc.

Date Prepared: 06/06

Emergency Phone: 800-458-4254 / 360-671-9121

Section 2 - Ingredients

Proprietary

NOTE: Echocide contains 4.75-5.25% active ingredient

Section 3 - Health Hazards

	Primary Route	Effect
Eyes	Yes	May cause severe damage
Skin	Yes	Temporary irritation
Inhalation	Possible	Temporary irritation
Ingestion	Yes	May cause toxic effects

Section 4 - First Aid

Eyes: Flush continuously with water for 15 minutes, holding eyelids open to rinse entire surface of the eye. Consult a physician as soon as possible.

Skin: Remove contaminated clothing and launder before wearing again. Wash skin thoroughly with soap and water.

Inhalation: Remove subject to fresh air

Ingestion: Give large quantities of water, do not induce vomiting. Consult a physician as soon as possible.

Section 5 - Fire and Explosion Data

Flash Point: N/A

Upper Exposure Limit: None

Lower Exposure Limit: None

Extinguishing media: All standard firefighting media

Special Precautions: Self Contained Breathing Apparatus and protective clothing should be worn in fighting fire involving chemicals

Unusual Hazards: Products of combustion may be toxic. Contains ethyl alcohol.

Section 6 - Accidental Release

If spill is in a confined area, wear MESA/NIOSH-approved respirator.

Dike and contain spill with inert material and transfer to containers for recovery and disposal. Keep spills out of sewers and open bodies of water.

Section 7 - Storage and Handling

Storage & Handling Precautions: Store at room temperature. Material is slippery.

Section 8 - Exposure Controls

Respiratory Protection: Not required for normal operations

Ventilation: Not required

Protective Gloves: Impervious gloves

Eye Protection: Splash-proof safety goggles

Other Controls: Rubber apron to protect from splashing or spilling

Section 9 - Physical Data

Boiling Point: N/A

Density: .99 g/cc

Vapor Density: N/A

Vapor Pressure: N/A

Volatile Organic Compounds: 5%

Percent Solids: <2%

Solubility in water: complete

Appearance & Odor: clear liquid, mild alcohol odor

Section 10 - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and nitrogen and small amounts of chloride fumes

Incompatibility: Strong oxidizing or reducing agents

Section 11 - Toxicology Information

Oral toxicity: N/A

Skin irritation: N/A

Eye Irritation: Concentrate may cause severe tissue damage.

Known/Suspected Carcinogens: None

Section 12 - Ecological Information

No information available

Section 13 - Disposal

Follow applicable federal, state and local regulations.

Section 14 - Transportation Information

Domestic Regulations: None

DOT Designation: None

Hazard Class: None

ID Number: None

Packing Group: None

International Regulations: None known

Section 15 - Regulatory Information

This product is an EPA-registered pesticide. EPA registration No. 68527.

WHMIS: Class E (Occupational Health & Safety Canada) hazard class: May cause severe eye damage

EPCRA 311/312 Categories: Components in this product which could require reporting due to their inclusion in one of the five hazard categories in 40 CFR 370 are N-Alkyl (C12-16)-N,N-dimethyl-N-benzylammonium chloride (5%) IMMEDIATE ACUTE HEALTH HAZARD and ethyl alcohol (1%) FIRE HAZARD.